



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

December 22, 2010

Mr. David H. Jones
Nuclear Site Vice President
Vogtle Electric Generating Plant, Units 3 & 4
7825 River Road
Waynesboro, GA 30830

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT ESP SITE - NRC INSPECTION
REPORT 05200011/2010004

Dear Mr. Jones:

On November 19, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the Quality Assurance Program at your Vogtle Electric Generating Station ESP Site. The enclosed inspection report documents the inspection results, which were discussed on November 19, 2010, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your 10 CFR Part 52 license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

David A. Ayres, Chief
Construction Projects Branch 4
Division of Construction Projects

Docket No: 52-011
License No: ESP-004

Enclosure: Inspection Report 05200011/2010004
w/Attachment: Supplemental Information

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December 22, 2010

Mr. David H. Jones
Nuclear Site Vice President
Vogtle Electric Generating Plant, Units 3 & 4
7825 River Road
Waynesboro, GA 30830

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT ESP SITE - NRC INSPECTION REPORT
05200011/2010004

Dear Mr. Jones:

On November 19, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the Quality Assurance Program at your Vogtle Electric Generating Station ESP Site. The enclosed inspection report documents the inspection results, which were discussed on November 19, 2010, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your 10 CFR Part 52 license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

David A. Ayres, Chief
Construction Projects Branch 4
Division of Construction Projects

Docket No: 52-011
License No: ESP-004

Enclosure: Inspection Report 05200011/2010004
w/Attachment: Supplemental Information

cc w/encl: (See next page)

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NAME	S Freeman	C Abbot	J Blake	B Davis	J Jimenez	D Ayers
DATE	12/20/2010	12/ /2010	12/20/2010	12/20/2010	12/17/2010	12/22/2010
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Letter to David H. Jones from David Ayres dated December 22, 2010.

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT ESP SITE - NRC INSPECTION
REPORT 05200011/2010-004

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U.S. NUCLEAR REGULATORY COMMISSION
Region II

Docket No.: 52-011

License: ESP-004

Report No.: 05200011/2010004

Licensee: Southern Nuclear Operating Company

Facility: Vogtle Electric Generating Plant ESP Site

Location: 7825 River Road
Waynesboro, GA 30830

Inspection Dates: November 15, 2010 through November 19, 2010

Inspectors: S. Freeman, Sr. Project Inspector, RII (Team Lead)
J. Blake, Sr. Construction Inspector, RII
B. Davis, Sr. Construction Inspector, RII
C. Abbott, Resident Inspector, Vogtle 3&4
J. Jimenez, Reactor Operations Engineer, Office of New Reactors

Accompanying
Personnel: A. Johnson, Reactor Operations Engineer, Office of New Reactors (Training)

Approved by: David A. Ayres, Chief
Construction Projects Branch 4
Division of Construction Projects, RII

SUMMARY OF FINDINGS

IR 05200011/2010004; 11/15/2010 through 11/19/2010; Vogtle Electric Generating Plant ESP Site; IP 35007, Quality Assurance Program Implementation during Construction.

The report covered an announced inspection by a regional team of five inspectors. The NRC's program for overseeing the construction of commercial nuclear power reactors is described in Inspection Manual Chapter 2506.

A. NRC-Identified Findings and Licensee Identified/Self-Revealing Violations Evaluated as Findings.

No findings of significance were identified.

B. Licensee-Identified and Self-Revealing Violations Not Evaluated as Findings.

None

REPORT DETAILS

A. ITAAC RELATED INSPECTIONS

None

B. PROGRAM INSPECTIONS

1. Quality Assurance (QA) Program Implementation during Construction (35007)

1.1 Criterion I – Organization (Appendix 1)

a. Inspection of QA Implementing Documents

None this inspection.

b. Inspection of QA Program Implementation

1) Inspection Scope

The inspectors reviewed the overall and sub-tier QA organizational descriptions, reviewed licensee delegation of authority, and interviewed staff personnel to verify the licensee was effectively implementing its QA organization. To meet this objective, the inspectors performed the following:

- Reviewed licensee Procedures ND-CO-001, Quality Assurance, Version 5.0, and ND-CO-003, Vogtle 3 & 4 Construction, Version 1.0, and interviewed the Southern Nuclear Operating Company (SNC) Site Quality Assurance Manager to ensure that changes to organizational structure had not adversely impacted the ability of the licensee to implement the QA program.
- Examined Procedure ND-CO-003, Vogtle 3 & 4 Construction, Version 1.0, to verify that staff members performing QA functions were sufficiently independent from staff members performing work.
- Interviewed the SNC Site Quality Assurance Supervisor, the SNC Site Quality Control Supervisor, and the Shaw Site Quality Manager to verify that they and their staff had the organizational freedom and independence to identify problems, recommend solutions, and verify implementation.
- Interviewed three Shaw/Stone & Webster engineering personnel to determine whether or not these staff members were aware of the level of management to which they could elevate awareness of quality issues.
- Interviewed SNC Site Quality Assurance Supervisor to ensure that delegation of authority is properly documented.

2) Findings

No findings of significance were identified.

1.2 Criterion III – Design Control (Appendix 3)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contactor implementing documents for design control under the Early Site Permit (ESP) & Limited Work Authorization (LWA) to verify that they were consistent with the SNC Nuclear Development Quality Assurance Manual (NDQAM), which was approved by NRC for use in NUREG-1923, Safety Evaluation Report for an ESP at the Vogtle Electric Generating Plant Site (SER). To implement this objective the inspectors specifically performed the following:

- Reviewed the scope of design work by Shaw Nuclear Services to ensure that the licensee had invoked applicable portions of the NDQAM on the contractor and verified the contractor conformance with quality requirements.
- Reviewed Procedure NEPP 4-3, Calculations, Revision 2, to ensure that it adequately described a process for review and approval of design calculations and analyses.
- Reviewed Procedure APIP-5-18-0, Engineering and Design Coordination Report, Revision 3, to ensure that it described a review and approval process for changes to design documents.
- Also reviewed Procedure APIP-5-18-0, Engineering and Design Coordination Report, Revision 3, to ensure that it established a process to confirm that design changes to one system would not adversely affect other safety systems or invalidate design assumptions; to ensure that proper controls had been established for documenting material substitutions and giving them the appropriate level of engineering review; and that adequate controls were in place to maintain the design basis upon turnover of design information from Westinghouse/Shaw, to the licensee.

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

None this inspection.

1.3 Criterion VII – Control of Purchased Material, Equipment, and Services (Appendix 7)

a. Inspection of QA Implementing Documents

None this inspection.

b. Inspection of QA Program Implementation

1) Inspection Scope

The inspectors reviewed the licensee and contractor authorized supplier lists (ASL) and reviewed audits & surveillances to verify the licensee and contractors were effectively implementing control of purchased items and services. To meet this objective, the inspectors performed the following:

- Reviewed the SNC, Shaw/Stone & Webster, and MACTEC Engineering and Consulting (MACTEC) ASL and audit program to ensure that contractors and sub-contractors were properly placed on the ASL, audits were conducted on a schedule by qualified personnel, and deficiencies were properly included in the licensee or contractor corrective action program.
- Reviewed the removal of one contractor from the Shaw/Stone & Webster ASL to verify that the documentation reflected proper removal and affected personnel were notified.
- Reviewed the addition of one contractor to the Shaw/Stone & Webster ASL to verify that objective evidence existed for reinstating the contractor to the ASL.

2) Findings

No findings of significance were identified.

1.4 Criterion VIII – Identification and Control of Material, Parts, and Components (Appendix 8)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for identification and control of safety related and risk significant items under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified the documents specified that:

- Markings maintained on items were to be traceable to the items throughout fabrication, erection, installation, and use.
- Markings were to be applied using materials and methods that provided a clear and legible identification and did not adversely affect the function or service life of the item.
- Where physical identification on the item was impractical or insufficient, physical separation, procedural control, documentation, or other appropriate means were to be used to ensure traceability of the item throughout fabrication, erection, installation, and use.
- Markings or other means of identification ensured that only specified and accepted items were used to prevent use of incorrect or defective items.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- NPP 10-01-00, Material Receipt, Storage, and Control, dated June 16, 2009
- PSI 10-1-1, Field Materials Management Procurement Site Instructions, dated September 9, 2010

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

None this Inspection.

1.5 Criterion IX – Control of Special Processes (Appendix 9)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for control of special processes under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- The type, purpose, and timing of special process to be performed.
- Prerequisites.
- Qualification and requalification requirements.
- Use of qualified and control computer software.
- Hold points, witness points, or independent verification by QA staff or Authorized Nuclear Inspector.
- Testing to verify proper performance of special processes.
- Acceptance criteria for fabrication and installation checkpoints.
- Objective evidence that supports special process acceptance or repeat.
- Identification of potential sources of uncertainty and error.
- Special process records include items like: type, date, person, Measuring and Test Equipment (M&TE), description, and evaluation.

To implement this objective the inspectors reviewed ESSOW 132175-E-C-009, Engineering Services Scope of Work for Nuclear Island Waterproofing Membrane Testing, Revision 0.

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

This is covered by ITAAC related inspections under Inspection Manual Chapter 2503.

1.6 Criterion X – Inspection (Appendix 10)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for QA inspection under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- Examination & measurement for each work operation.
- Methods used to perform inspections and document results.
- Frequency of inspections.
- M&TE.
- Sampling requirements.
- Applicable hold points.
- Acceptance criteria.
- Inspection by personnel other than those that supervise or perform the work.

- Use of qualified and controlled computer software.
- Alternative indirect controls when inspection was not practical.
- Final inspection and re-inspection.
- Inspection documentation, including the item, date, name of inspector, method of inspection, and results.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- SWSQAP 1-74A, Shaw Standard Nuclear Quality Assurance Program, Revision B
- MACTEC Nuclear Quality Assurance Manual, Revision 0
- PP 4-1-11, Management Plan for Project Quality, dated August 2, 2010
- QAD10.68, Inspection Planning, Revision 0
- QAD10.67, Visual Examination of High Density Polyethylene (HDPE) Pipe- B31.1, Revision A
- QS 10.1, Earth Fill Placement, Revision C
- QS 10.3, Construction Quality Completion Program, Revision C
- QS 10.66, Work Packaging, Revision O
- QS 10.67, Inspection Planning System, Revision O
- SV0-XB01-Z0-002, Nuclear Island MSE Wall, Revision 5, Section 3.5
- SV0-XE01-Z0-002 "Nuclear Island Excavation and Backfill, Revision 4, Section 3.10

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

None this inspection.

1.7 Criterion XI – Test Control (Appendix 11)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for test control under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- The type of tests.
- Hold points, witness points, or independent verification by QA staff or Authorized Nuclear Inspector.
- Acceptance limits as provided in design documents.
- Acceptance criteria.
- Provisions for data collection and results documentation.
- Evaluation of test results.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- SWSQAP 1-74A, Shaw Standard Nuclear Quality Assurance Program, Revision B

- VSC545, MACTEC SNC Vogtle Electric Generating Plant Work Plan, Rev. 2.

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

This is covered by ITAAC related inspections under Inspection Manual Chapter 2503.

1.8 Criterion XII – Control of Measuring & Test Equipment (Appendix 12)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for control of M&TE under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- Use of only calibrated M&TE.
- Calibration performance at set intervals, or before use, or before and after for single use, or when accuracy was suspect.
- Calibration against standards traceable to nationally recognized standards with greater accuracy than required for M&TE, or adequate justification when no standard existed.
- Proper labeling and tagging of M&TE.
- Proper storage such that non-conforming M&TE was not used and the accuracy of calibrated M&TE and standards was maintained.
- Documentation of calibration.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- SWSQAP 1-74A, Shaw Standard Nuclear Quality Assurance Program, Revision B
- MACTEC Nuclear Quality Assurance Manual, Revision 0
- QS 12.1, Shaw Nuclear Services Calibration Program, Revision G
- QAD 12.1, Verification of Measured Data, Revision E
- MS 1.1, M&TE Procedural System, Revision D
- MS 1.2, Calibration Identification Labels, M&TE Identification Numbers, and Inventory, Revision E
- MS 1.3, Measuring and Test Equipment Recall and Instrument Status, Revision D
- MS 1.5, Preparation of Calibration Checklists and M&TE History Cards, Revision C
- MS 1.7, Intervals of Calibration, Revision F
- MS 1.9, Procurement of M&TE and Calibration Services, Revision K
- MACTEC Equipment Calibration Procedure G-5, Drying Ovens, Revision 1
- MACTEC Equipment Calibration Procedure S-20, Strike-Off/Straight Edges, Revision 1
- MACTEC Equipment Calibration Procedure S-16, Sand Cone Apparatus, Revision 1.
- MACTEC Vogtle Electric Generating Plant Units 3 & 4 Soil and Concrete Testing Work Plan, Revision 2

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

1) Inspection Scope

The inspectors reviewed various calibration activities, records, and other documentation to verify the licensee, and contractors, were effectively implementing control of measuring and test equipment for ESP and LWA activities. To meet this objective, the inspectors performed the following. The specific pieces of M&TE are listed in the attachment.

- Reviewed the Shaw/Stone & Webster and MACTEC tracking systems for calibrated M&TE to verify that the logging systems were maintained by authorized personnel, were in place, and that instrumentation & control supervisory personnel understood the use.
- Reviewed the documentation, storage, and identification of 10 pieces of M&TE to ensure that each was identified by a unique number, labeled with current calibration status, properly stored, calibrated within the specified interval, within specified accuracy limits, and with traceable results.
- Reviewed the addition of 5 pieces of M&TE to the logging system to verify each was calibrated before first use.
- Reviewed data for Torque Wrench V-N-0001, which was taken out of service due to a nonconformance, to verify that it was tagged as out-of-service and a NCR was written.
- Reviewed 2 pieces of M&TE that were permanently removed from service to verify they were no longer in use, and either segregated, transferred, or disposed.
- Toured the MACTEC onsite laboratory facility and nuclear island backfill area to ensure that M&TE used was labeled or tagged as calibrated and agreed with the associated documentation in the logging system.

2) Findings

No findings of significance were identified.

1.9 Criterion XIII – Handling, Storage, and Shipping (Appendix 13)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee implementing and contractor documents for handling, storage, and shipment under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- Controls for the designation of graded storage levels and the establishment of appropriate environmental conditions.
- Controls for access, identification of items, coverings, and preservatives.
- Instructions to conduct periodic inspections of the storage area to ensure that controlled conditions will be maintained in special environments.
- Maintenance and care of items in storage, including shelf life.
- Assigned responsibilities associated with the implementation of handling and storage controls.

- Establishment of routine and special handling measures.
- Control of rigging, lifting, hoisting equipment, and transporting equipment.
- Cleanliness and environmental controls, e.g., inert gas atmosphere, specific moisture content levels, and temperature levels.
- Cleaning, including the use of distilled water or solvents, as appropriate.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- NPP 10-01-00, Material Receipt, Storage, and Control, dated June 16, 2009
- PSI 10-1-1, Field Materials Management Procurement Site Instructions, dated September 9, 2010
- MACTEC Nuclear Quality Assurance Manual, Revision 0
- MACTEC Equipment Calibration Manual, Revision 1

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

1) Inspection Scope

Very little safety-related material was stored on site at the time of the inspection; however, the inspectors did review the storage of some non-safety-related items. Specifically, the inspectors toured the storage areas for recently received concrete and HDPE pipe and interviewed licensee and contractor personnel to ensure that the pipe was stored in accordance with licensee or contractor procedures:

2) Findings

No findings of significance were identified.

1.10 Criterion XIV – Inspection, Test, and Operating Status (Appendix 14)

a. Inspection of QA Implementing Documents

1) Inspection Scope

The inspectors reviewed licensee and contractor implementing documents for QA inspection, test, and operating status control under the ESP & LWA to verify that they were consistent with the NDQAM. Specifically, the inspectors' review verified that documents contained:

- A method of noting the status, i.e. pass/fail, of an item that was traceable to the item.
- A method to ensure that failed items get noted as non-conforming or corrective action gets taken.
- Controls to preclude bypassing required inspections or tests.
- Controls to prevent inadvertent operation.
- Controls to ensure the proper authority is provided for application or removal of the methods of identification.

To implement this objective the inspectors reviewed the following program manuals and procedures:

- SWSQAP 1-74A, Shaw Standard Nuclear Quality Assurance Program, Revision B, Section 10
- MACTEC Nuclear Quality Assurance Manual, Revision 0
- QAD 14.1, Inspection Report System Type "A" Inspection Report, Revision A
- QS 14.1, Post Acceptance Work Control, Revision C
- QS 14.2. Inspection Report system, Revision J

2) Findings

No findings of significance were identified.

b. Inspection of QA Program Implementation

None this inspection.

1.11 Criterion XVIII – Audits (Appendix 18)

a. Inspection of QA Implementing Documents

None this inspection.

b. Inspection of QA Program Implementation

1) Inspection Scope

The inspectors reviewed audit schedules, internal & external audit reports, and auditor qualifications and training records to verify the licensee process for conducting audits. To meet this objective, the inspectors performed the following:

- Reviewed the audit schedule for SNC and Shaw/Stone & Webster to ensure it was consistent with the NDQAM and Procedure QS-18.1, Quality Audit Program, Revision J, or was justified.
- Reviewed the following audits conducted by Shaw Nuclear Services to verify that: the audit was included in the schedule and performed on time; an audit plan was prepared and issued; the audit report included a statement on the effectiveness of implementation of the QA program; the audit report was reviewed by management and distributed to affected organizations; the audit report included a list of deficiencies and a response due date; and the auditors and specialists were trained.
 - V2010-16, Quality Assurance Audit of Shaw SSS Fabrication, dated August 3, 2010
 - V2010-19, Quality Assurance Audit of MACTEC Engineering and Consulting, dated November 16, 2010
 - V2010-21, Quality Assurance Audit of NTS, Acton MA, dated November 9, 2010
 - V2010-22, Quality Assurance Audit of UK EWA, dated October 22, 2010
- Reviewed the following SNC site audits to ensure they were consistent with the Southern NDQAM:
 - SNC-ND-2010.10-SHAW-SITE-QA, dated November 11, 2010
 - SNC-ND-2010.03-WEST-LSA, dated March 31, 2010

2) Findings

No findings of significance were identified.

C. OTHER INSPECTION RESULTS

1. Licensee-Identified and Self-Revealing Violations

None

D. EXIT MEETING SUMMARY

On November 19, 2010, the inspectors presented the inspection results to Mr. D. Jones and other members of licensee and contractor staffs. The inspectors asked the licensee whether any of the material examined during the inspection should be considered proprietary. The inspectors either returned or disposed of any copies of documents containing proprietary information.

KEY POINTS OF CONTACT

Licensee and Contractor Personnel

D. Jones, SNC Site Vice President
J. Giddens, SNC QA Manager
J. Williams, SNC Site Support Manager
J. Davis, SNC Site Licensing Supervisor
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A. Moore, SNC QA
K. Lowery, SNC Technical Support
J. Lowery, SNC QA
T. O'Brien, SNC QA
R. Pate, SNC Licensing Engineer
B. Waites, SNC Licensing Engineer

R. Glover, Shaw Project Manager
W. Chrisler, Shaw Project QA Director
J. Beasley, Shaw Quality Engineering
A. Reynolds, Shaw Project QC Manager
D. Schutt, Shaw Licensing
W. Poppell, Shaw Field Engineering
J. Rees, Shaw Field Engineering
B. Futrell, Shaw Construction
M. Clayton, Shaw Quality Assurance
A. Boyles, Shaw Document Control
J. Detwiler, Shaw Field Engineering
M. Rutherford, Shaw Field Engineering
J. Martin, MACTEC QA

NRC personnel

J. Fuller, Senior Resident Inspector, Vogtle Units 3&4

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened

None

Closed

None

Discussed

None

LIST OF DOCUMENTS REVIEWED

Section A: ITAAC-Related Inspections

None

Section B: Program Inspections

Southern Nuclear Operating Company

SNC-ND-2010-Shaw-Site-QA, Audit of Shaw Nuclear Services, Inc
CQA 2007-17, Audit of Shaw/Stone & Webster for Design & Engineering Services, dated September. 5, 2007

Shaw/Stone & Webster

V2010-07, Audit of Gerdau Ameristeel US, dated July 6, 2010
V2010-02, Audit of Shaw Modular Solutions, dated March 18, 2010
V2009-13, Quality Assurance Audit of MACTEC Engineering & Consulting, dated February 1, 2010
V2009-09, Audit of Shaw Modular Solutions, dated December 16, 2009
V2009-02, Audit of Shaw Modular Solutions, dated May 21, 2009
Audit No. 14111, Nuclear Industry Assessment Committee (NIAC) Audit Evaluation of Gerdau Ameristeel, dated October 26, 2009
Audit No. 22719, Nuclear Procurement Issues Committee (NUPIC) Joint Audit of Shaw Stone & Webster, Charlotte NC, dated July 21, 2010
Audit No. 20365, NUPIC Audit of Shaw Stone & Webster, dated June 3, 2009
NPP 6-01-00, Field Procurement, dated October, 19, 2010
WPP 9.0, Shaw Nuclear Services World Wide Procurement Manual, Nuclear Procurement, Revision 2
QAD 7.14, Receiving Inspection, Revision B
MS 1.11, Storage and Handling of M&TE, Revision C
MS 1.12, Environmental Control in the Calibration Facility, Revision C
V-ND-10-0065, M&TE Out of Tolerance
CAR 2010-03-04-465, PO placed for safety related calibration services without performing the pre-requisite qualification

Recently Calibrated M&TE Samples

2958, Sieve
2988, Sieve
2983, Sieve
2977, Sieve
2999, Sieve
2995, Sieve
2989, Sieve
2960, Sieve
2948, Drying Oven
2963, Drying Oven

Section C: Other Inspections Results

None

LIST OF ACRONYMS

ADAMS	Agency-wide Documents Access & Management System
ASL	Authorized Supplier List
CFR	Code of Federal Regulations
ESP	Early Site Permit
FSAR	Final Safety Analysis Report
HDPE	High Density Polyethylene
IP	Inspection Procedure
IR	Inspection Report
ITAAC	Inspections, Tests, Analyses, and Acceptance Criteria
LWA	Limited Work Authorization
M&TE	Measuring and Test Equipment
NDQAM	Nuclear Development Quality Assurance Manual
NRC	Nuclear Regulatory Commission
QA	Quality Assurance
SNC	Southern Nuclear Operating Company
SSAR	Site Safety Analysis Report
VEGP	Vogtle Electric Generation Plant